



SPYWOLF

Security Audit Report



Completed on
April 10, 2023

@SPYWOLFNETWORK



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SPYWOLF.CO





OVERVIEW

This audit has been prepared for **GangsDoge** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Gang'sDoge



PROJECT DESCRIPTION

According to their website:

Endless runner in the world of GangsDoge. You have to run as far as you can on endless map, trying to avoid obstacles. While running you can collect GDoge Coin, which are used to calculate final score. As you go you can help other doggies and collect buffs like higher jump, speed modifier, shield, double coins.

Release Date: Presale starts in April, 2023

Category: Meme token / P2E



CONTRACT INFO

Token Name
GangsDoge

Symbol
GSDoge

Contract Address
0xA3Bb6eAba7E53bD935294C05254B4d6f0F29aD0e

Network
Binance Smart Chain

Language
Solidity

Deployment Date
Apr 09, 2023

Verified?
Yes

Total Supply
500,000,000

Status
Not launched

TAXES

Buy Tax
5%

Sell Tax
5%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

| | |
|-------------------------|------------------|
| Transfer Count | 1 |
| Uniq Senders | 1 |
| Uniq Receivers | 1 |
| Total Amount | 500000000 GSDoge |
| Median Transfer Amount | 500000000 GSDoge |
| Average Transfer Amount | 500000000 GSDoge |
| First transfer date | 2023-04-09 |
| Last transfer date | 2023-04-09 |
| Days token transferred | 1 |

SMART CONTRACT STATS

| | |
|-----------------------|--|
| Calls Count | 1 |
| External calls | 1 |
| Internal calls | 0 |
| Transactions count | 1 |
| Uniq Callers | 1 |
| Days contract called | 1 |
| Last transaction time | 2023-04-09 13:55:11 UTC |
| Created | 2023-04-09 13:55:11 UTC |
| Create TX | 0x2bdf0e0a2314a892a527e92ed8fa77cc64c5558ef9f7d070540d6bb193bc2c7c |
| Creator | 0x0f3b874f618c5605cd7bc905ffbc096c176b0516 |



VULNERABILITY CHECK

| | |
|--|--------|
| Design Logic | Passed |
| Compiler warnings. | Passed |
| Private user data leaks | Passed |
| Timestamp dependence | Passed |
| Integer overflow and underflow | Passed |
| Race conditions and reentrancy. Cross-function race conditions | Passed |
| Possible delays in data delivery | Passed |
| Oracle calls | Passed |
| Front running | Passed |
| DoS with Revert | Passed |
| DoS with block gas limit | Passed |
| Methods execution permissions | Passed |
| Economy model | Passed |
| Impact of the exchange rate on the logic | Passed |
| Malicious Event log | Passed |
| Scoping and declarations | Passed |
| Uninitialized storage pointers | Passed |
| Arithmetic accuracy | Passed |
| Cross-function race conditions | Passed |
| Safe Zeppelin module | Passed |
| Fallback function security | Passed |



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Owner can set buy/sell tax up to 10%.

Combined buy+sell = 20%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setTax(uint256 _buyTax, uint256 _sellTax) external onlyOwner {  
    require(_buyTax <= 10 && _sellTax <= 10, "too high");  
    buyTax = _buyTax;  
    sellTax = _sellTax;  
}
```

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromTax(address account, bool isExcluded) public onlyOwner {  
    isExcludedFromTax[account] = isExcluded;  
    emit ExcludeFromTax(account, isExcluded);  
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

GangsDoge

GOOD PRACTICES FOUND

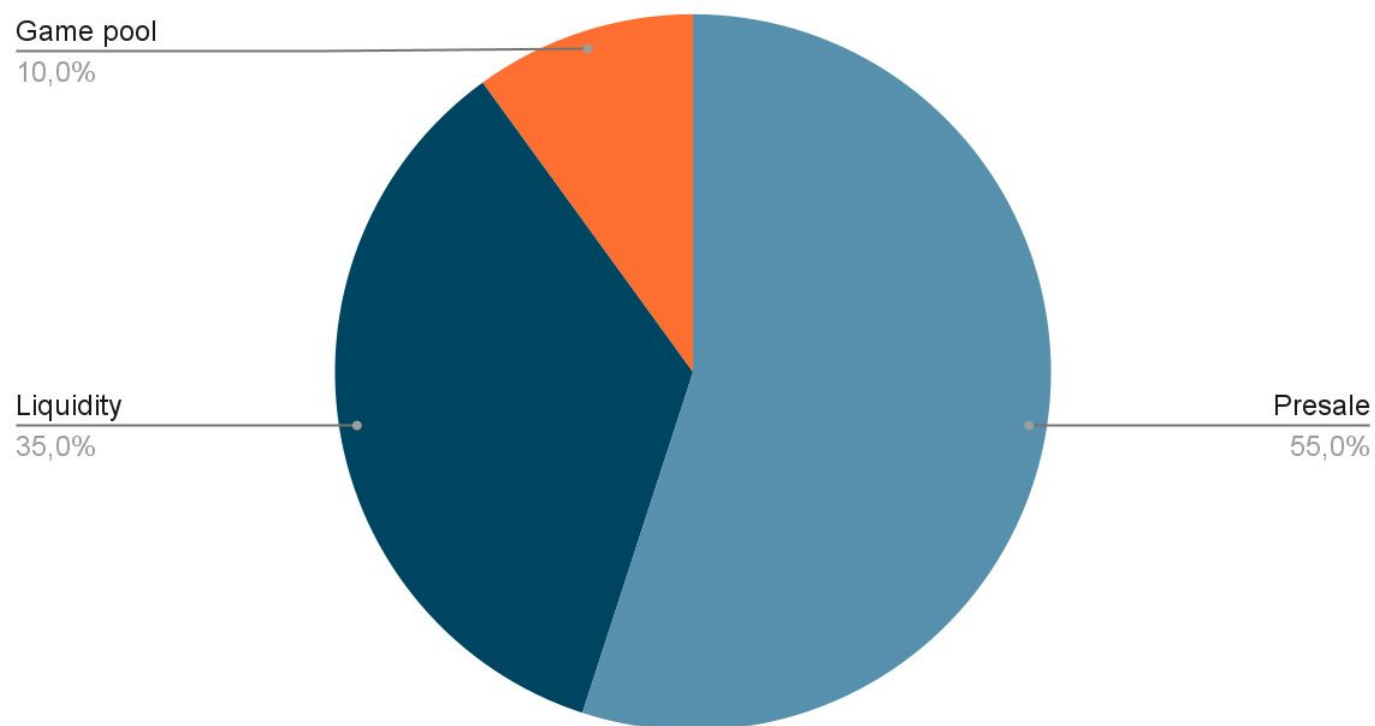
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

- 55% - Presale
- 10% - Game pool
- 35% - Liquidity

Tokens distribution



TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





Website URL
<https://www.gangsdoge.com/>

Domain Registry
<https://www.namecheap.com>

Domain Expiration
Expires on 2024-04-09

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page template design
with appropriate color
scheme.

Content
The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper
No

Roadmap
Yes, goals set without time
frames.

Mobile-friendly?
Yes



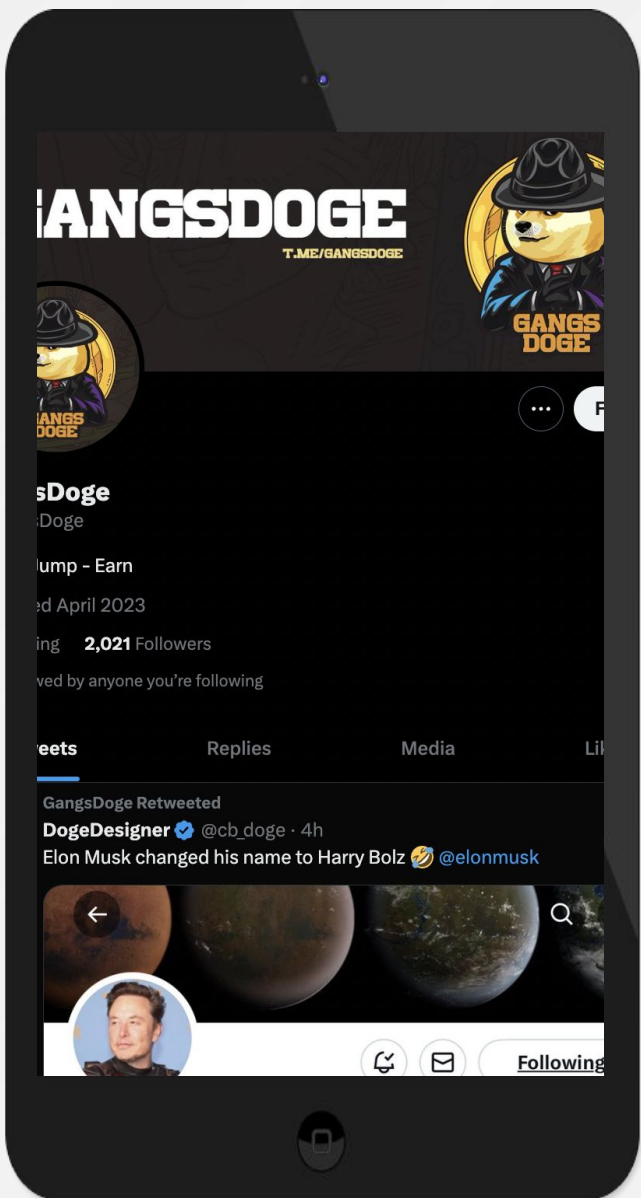
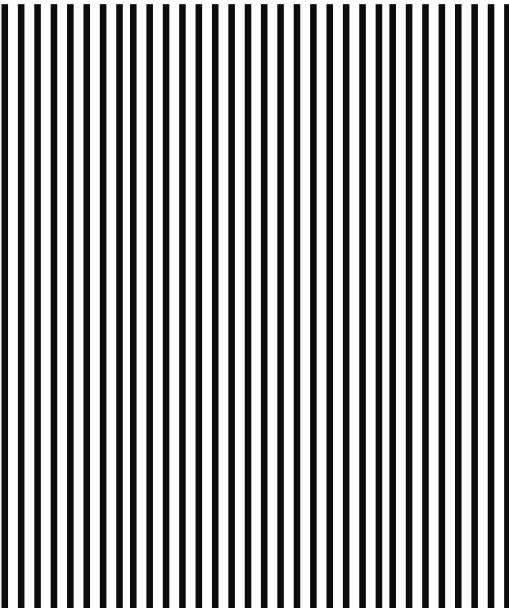
gangsdoge.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media
channels are new



Twitter

@GangsDoge

- 2 021 followers
- Total 2 posts



Discord

- Not available



Telegram

@TelegramUSERNAME

- 3 231 members
- Few active members
- Active mods



Medium

- Not available



SPYWOLF

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Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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- ✓ MORE THAN 500 SCAMS EXPOSED
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- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.